

**IN THE CLAIMS:**

PLEASE AMEND THE CLAIMS AS FOLLOWS:

Please cancel claims 15, 16, 30, 31, 60 and 61;

Please amend claims 1, 17 and 47 as follows:

1. (Presently amended) A method for diminishing, inhibiting or eliminating addiction-related behavior of a mammal, wherein said method comprises administering to said mammal an effective amount of a composition consisting essentially of topiramate or a pharmaceutically acceptable salt thereof, or an enantiomer or racemic mixture thereof, and wherein the addiction-related behavior is associated with cocaine or nicotine addiction.
2. (Original) A method according to claim1, wherein said addiction-related behavior is diminished, inhibited or eliminated without an aversive response to said composition.
3. (Original) A method according to claim1, wherein said addiction-related behavior is diminished, inhibited or eliminated without an appetitive response to said composition.
4. (Original) A method according to claim1, wherein said addiction-related behavior is diminished, inhibited or eliminated without an alteration in locomotor function of said mammal.
5. (Cancelled)
6. (Original) A method according to claim 1, wherein said addiction related

behavior is conditioned place preference.

7-8. (Cancelled)

9. (Original) A method according to claim 1, wherein said composition comprises topiramate administered in an amount of about 25mg to about 1g/day.

10-12. (Cancelled)

13. (Original) A method according to claim 1, wherein said composition is not addictive to said mammal.

14. (Original) A method according to claim 1, wherein said mammal is a primate.

15-16. (Cancelled)

17. (Presently Amended) A method for diminishing, inhibiting or eliminating cravings associated with addiction to ~~drugs of abuse~~ cocaine or nicotine in a mammal, wherein said method comprises administering to said mammal an effective amount of a composition consisting essentially of topiramate or a pharmaceutically acceptable salt thereof, or an enantiomer or racemic mixture thereof.

18. (Original) A method according to claim 17, wherein said cravings are diminished, inhibited or eliminated without an aversive response to said composition.

19. (Original) A method according to claim 17, wherein said cravings are diminished, inhibited or eliminated without an appetitive response to said composition.

20. (Original) A method according to claim 17, wherein said cravings are diminished, inhibited or eliminated without an alteration in locomotor function of said mammal

21-23. (Cancelled)

24. (Original) A method according to claim 17, wherein said composition comprises topiramate administered in an amount of about 25mg to about 1g/day.

25-27. (Cancelled)

28. (Original) A method according to claim 17, wherein said mammal is a primate.

29. (Original) A method according to claim 17, wherein said composition is not addictive to said mammal.

30-46. (Cancelled)

47. (Presently Amended) A method for diminishing, inhibiting or eliminating dependency characteristics associated with addiction to ~~drugs of abuse~~ cocaine or nicotine in a mammal, wherein said method comprises administering to said mammal an effective amount of a composition consisting essentially of topiramate, or a pharmaceutically acceptable salt thereof, or an enantiomer or racemic mixture thereof.

48. (Original) A method according to claim 47, wherein said dependency characteristics are diminished, inhibited or eliminated without an aversive response to said composition.

49. (Original) A method according to claim 47, wherein said dependency characteristics are diminished, inhibited or eliminated without an appetitive response to said composition.

50. (Original) A method according to claim 47, wherein said dependency

characteristics are diminished, inhibited or eliminated without an alteration of locomotor function in said mammal.

51-53. (Cancelled)

54. (Original) A method according to claim 47, wherein said composition comprises topiramate administered in an amount of about 25mg to about 1g/day.

55-57 (Cancelled)

58. (Original) A method according to claim 47, wherein said mammal is a primate.

59. (Original) A method according to claim 47, wherein said composition is not addictive to said mammal.

60-96. (Cancelled)